

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)

BOARD AND CODE ADMINISTRATION DIVISION

Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208

MIAMI-DADE COUNTY

NOTICE OF ACCEPTANCE (NOA) Stanley Security Solutions Inc.

6161 East 75th Street Indianapolis, IN 46250

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series HC2200, HC2300 & HC2800 Vertical Rod Panic Exit Devices and HC2100 Rim Exit Device w/ HCK822Steel removable Mullion-Component Approval-Impact

APPROVAL DOCUMENT: Drawing No. "SSS002", titled "HC2100 Rim w/HCK822, Series HC2200, HC2300 & HC2800", sheets 1 through 7 of 7, prepared by Building Drops Inc., dated 06/22/11 and last revised on 11/15/12, signed and sealed by Hermes F. Norero, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large Missile Impact Resistant

Limitations:

- 1. This component is approved to be used as an alternate with an approved outswing single or double Steel doors, having current NOA (Notice of Acceptance). Lowest Design Pressure of doors or the component may control.
- 2. See respective Design Pressure tables sheets 4-6 and limitations in sheet 1 of the component approval drawing.
- 3. Min thickness of 5/16" (0.3125") for HCK822 Removable mullion is required, when used with HC2300 Rim Panic
- 4. Electrical device installation is not part of this approval, such installation to be reviewed by AHJ.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 12-0612.24 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No. 13-0718.03 Expiration Date: September 30, 2019 Approval Date: October 06, 2013

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections (Submitted under file # 12-0612.24)
- Drawing No. "SSS002", titled "HC2100 Rim w/HCK822, Series HC2200, HC2300 & HC2800", sheets 1 through 7 of 7, prepared by Building Drops Inc., dated 06/22/11 and last revised on 11/15/12, signed and sealed by Hermes F. Norero, P.E.

Note: This is Renewal with no change from previous approval.

- B. TESTS (Submitted under files #12-0612.24/11-0207.11 / #09-0218.09)
 - 1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of HCKR822 removable Mullion w/ HC2100 Rim Panic exit, prepared by Intertek, Test Report No. **319135MID-001**, dated 10/15/10, signed and sealed by Rick Curkeet, P. E.

- 2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 4) Forced Entry Test, per FBC 2411.3.2.1 and TAS 202-94

Along with installation diagrams of a Panic exit devices, prepared by Certified Testing Laboratories Architectural Division, Test Report No(s).CTLA-1150W, dated 02/28/04, CTLA-1150W-1, dated 03/18/04, CTLA-1150W-2, dated 03/18/04 and CTLA-1150W-3 dated 03/19/04, signed and sealed by Ramesh Patel, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 2007 & FBC 2010, prepared by Building Drops Inc., dated 06/08/12 and last revised on 11-15-2012, signed and sealed by Hermes F. Norero, P.E. (Submitted under files # 12-0612.24 /11-0207.11)

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

- F. STATEMENTS (except item #1, all other items below submitted under files #12-0612.24 / 11-0207.11 / #09-0218.09)
 - 1. Statement letter of conformance FBC 2010, letter of no financial interest and renewal w/ No change, issued by Building Drops Inc., dated 05/21/13, signed and sealed by Hermes F. Norero, P.E.
 - 2. Statement letter of conformance and letter of no financial interest, Building Drops Inc., dated 06/08/12, signed and sealed by Hermes F. Norero, P.E.
 - 3. Statement letter of Successor P.E. adopting work of another Engineer dated 11-28-12, per FL. Statue chapter 61G15-27, signed & sealed by Hermes F. Norero, P.E.
 - 4. Certificate of Merger, issued by State of Indiana of merger of Precision Hardware Inc into surviving entity Stanley Security Solution Inc, dated May 04, 2007, signed by Todd Rokita, secretary of State.
 - 5. Lab compliance as part of the above referenced test report.

G. OTHER

1. This NOA renews NOA # 12-0612.24, expiring on SEP. 30, 2014.

2. Test proposal, dated 10/27/09, approved by BCCO.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 13-0718.03
Expiration Date: September 30, 2019

Approval Date: October 17, 2013

STANLEY SECURITY SOLUTIONS, INC.

SERIES HC2200, HC2300 & HC2800 VERTICAL ROD PANIC EXIT DEVICES AND HC2100 RIM EXIT DEVICE WITH HCK822 STEEL REMOVABLE MULLION (PANIC HARDWARE COMPONENT APPROVAL)

GENERAL NOTES:

- 1. THIS PRODUCT HAS BEEN DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2010 FLORIDA BUILDING CODE INCLUDING PROVISIONS SET FORTH FOR HIGH-VELOCITY HURRICANE ZONES (HVHZ).
- 2. THE DOORS SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS:
- 2.1. THE DOOR SHALL BE 1-3/4" MIN. OVERALL THICKNESS
- 2.2. DOOR PANEL SHALL BE REINFORCED WITH 22 GA. (0.029") "HAT-STIFFENERS" AT A MAXIMUM OF 6" O.C.
- 2.3. HINGE REINFORCEMENTS AT DOOR PANEL AND AT FRAME SHALL BE A MINIMUM OF 7 GA. (0.1875") THICK STEEL.
- 2.4. FULL-LENGTH 16 GA. (0.053" MIN.) STEEL TUBE (2 X C-NESTED CHANNELS) AT TOP & BOTTOM RAILS OF DOORS.
- 2.5. MIN. 12 GA. (0.101" MIN.) STEEL REINFORCEMENT AT HINGE & STRIKE PLATES WHERE APPLICABLE.
- 2.6. MIN. 14 GA. (0.067" MIN.) STEEL C-CHANNEL AT HINGE & LOCK STILES WHERE APPLICABLE.
- 2.7. FULL LENGTH 12 GA. (0.101" MIN.) STEEL TUBE (2 X C-NESTED CHANNELS) AT STILES WHERE APPLICABLE.
- 2.8. PLEASE REFER TO DOOR ELEVATIONS, SHEET 2, AND CORRESPONDING DETAILS FOR APPLICABILITY OF REINFORCEMENT REQUIREMENTS (SHEETS 3-7).
- 3. STRIKES, HINGES, AND ALL APPLICABLE REINFORCEMENTS AS REQUIRED ON DETAIL DRAWING IN THIS APPROVAL.
- 4. LOCKING HARDWARE SHALL BE INSTALLED AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 5. ALL FASTENERS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 6. STEEL COMPONENTS SHALL BE COATED OR COMPLY WITH CORROSION RESISTANCE PROTECTION IN CONFORMANCE WITH THE MATERIAL PROTECTION PROVISIONS OF FBC SECTION 2220.
- 7. ALL TRIMS SHALL BE THRU BOLTED WITH #10-24 MACHINE SCREWS.
- 8. 1700 & 200 SERIES TRIMS AVAILABLE WITH A, B, & C STYLE PULLS.
- 9. 3900 & 4900 SERIES TRIMS AVAILABLE WITH A, B, C, & D LEVERS AND KNOBS.

10.OPTIONAL TRIMS MODELS INCLUDE: 1703, 2003, 4900.

11.CONFORMS TO UL10C AND UBC7-2, BHMA CERTIFIED FOR ANSI 156.3 GRADE 1.

LIMITATIONS OF USE:

- 1. PANIC EXIT HARDWARE DEVICES ARE APPROVED TO BE EQUAL ALTERNATIVES OF TESTED COMPONENTS TO BE USED IN 16 GA. STEEL FRAME AND 16 GA. (0.053" MIN.) STEEL SINGLE OR DOUBLE DOORS, HOLDING CURRENT NOA. THE LOWEST DESIGN PRESSURE RATING OF DOOR OR THE COMPONENT APPROVAL HEREIN SHALL CONTROL.
- 2. DOOR PANELS MUST NOT BE WIDER THAN 48" AND HIGHER THAN 96".
- 3. ELECTRICAL/ELECTRONIC FUNCTION AND INSTALLATION OTHER THAN SELF CONTAINED ELECTRONIC DEVICES ARE NOT PART OF THIS APPROVAL AND MUST BE REVIEWED BY AUTHORITY HAVING JURISDICTION(AHJ) IN THE AREA.
- 4. COMPLIANCE WITH BUILDING EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.

TABLE OF CONTENTS					
SHEET	REVISION	SHEET DESCRIPTION			
		GENERAL NOTES			
	-	DOOR ELEVATIONS			
3	-	HC2100 RIM EXIT W/ HCK822 MULLION			
4		HC2200 SURFACE VERTICAL ROD (SVR)			
	 	HC2800 CONCEALED VERTICAL ROD (CVR)			
6	_	HC2800 CVR W/ HC2300 MORTISE LOCK EXIT DEVICE			
_ -	-	BILL OF MATERIALS (BOM) & COMPONENTS			
-	1 1				

PRODUCT REMBIVED as complying with the Planta Halding Code
Acceptation No. 13 - 0718 - 0
Kupitalina India SEF 30, 2019

By Char I Llande

2 By:

Security Solutions

6161 EAST 75TH STREET INDIANAPOLIS, IN 46250

> PH: (317) 806-3288 FX: (317) 806-3337

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REVISION

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Building Code

Assessment In 12 - C417-2

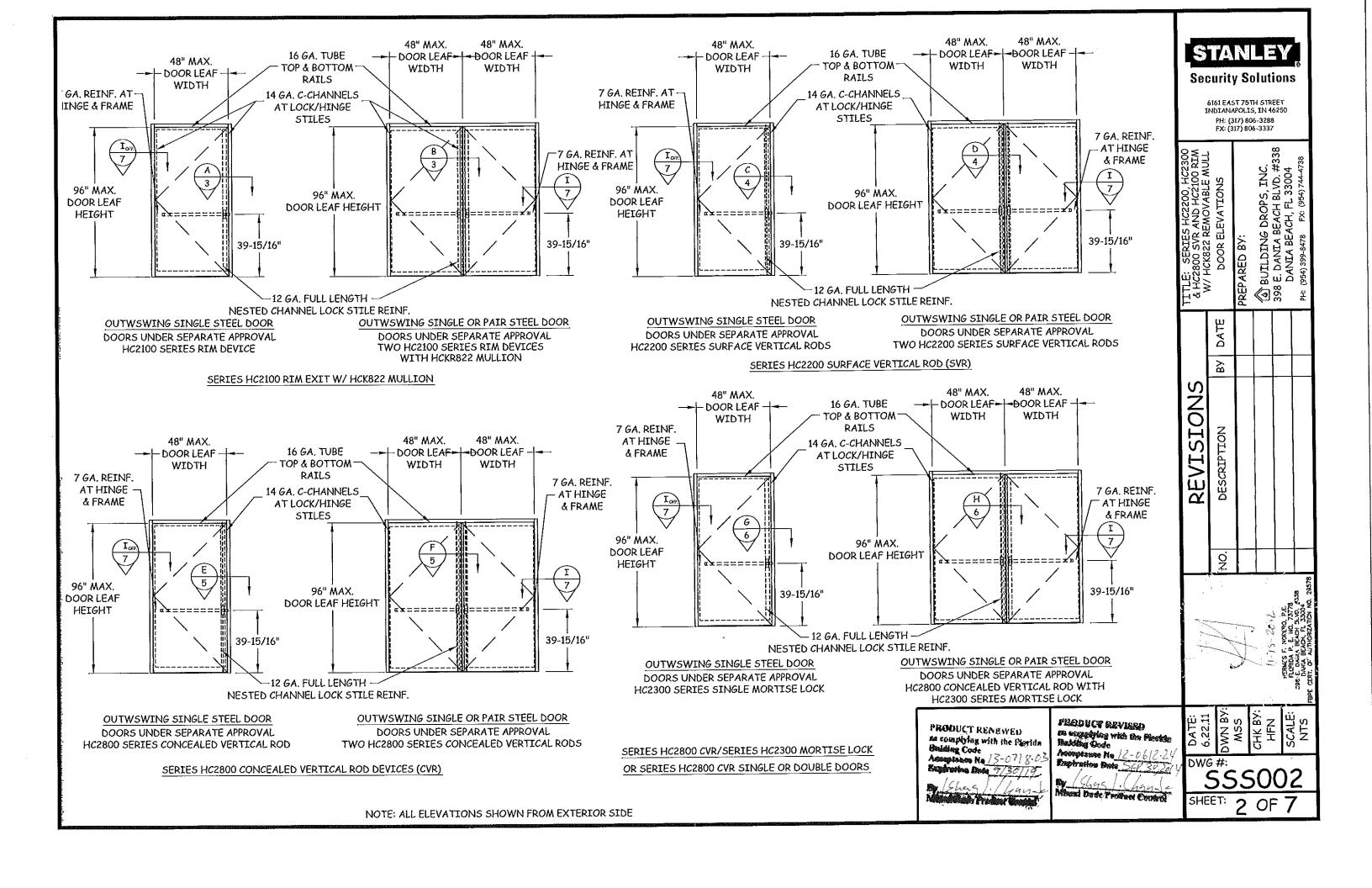
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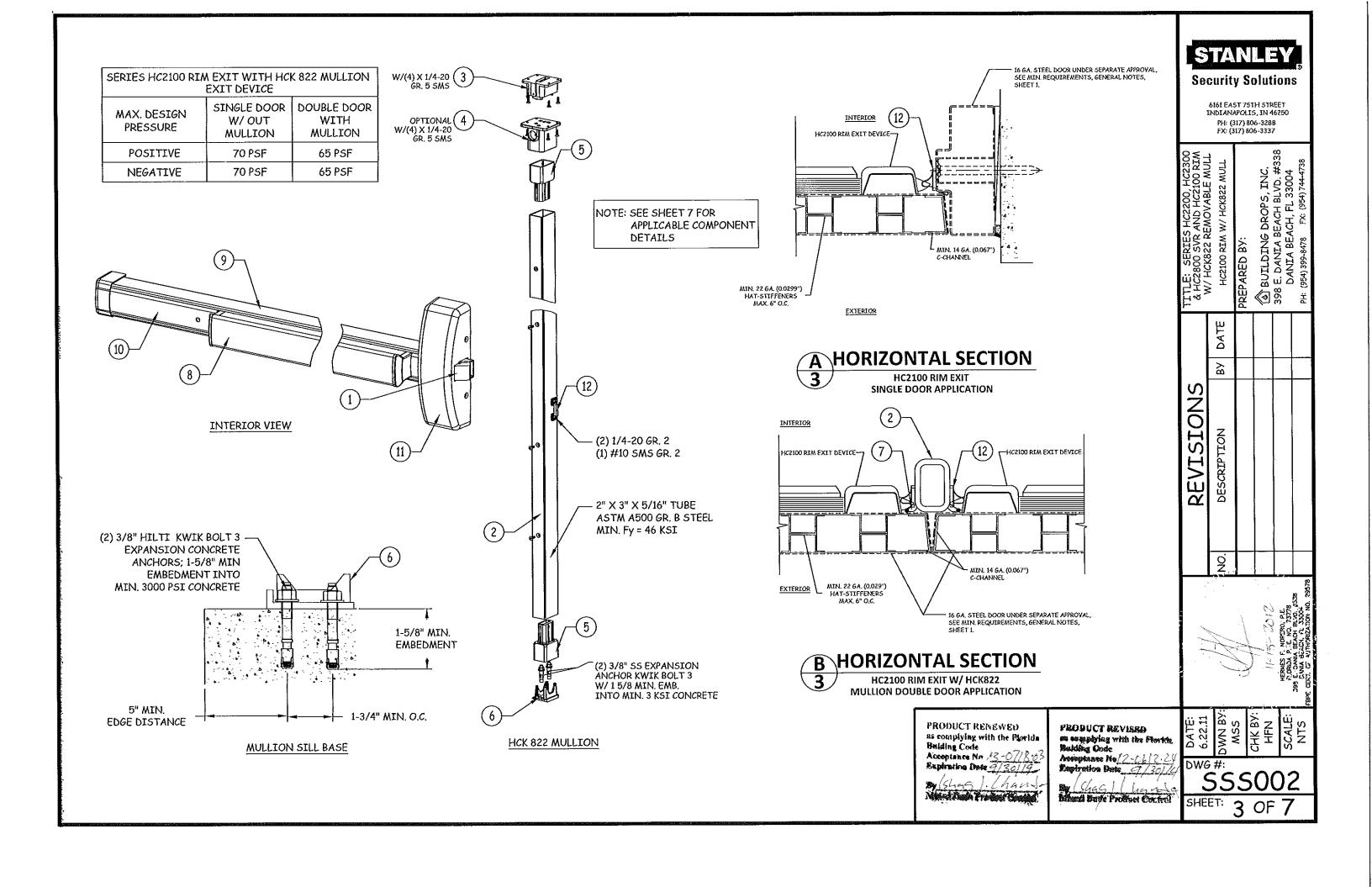
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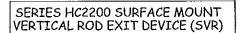
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DWG #:

HEET: 1 OF 7

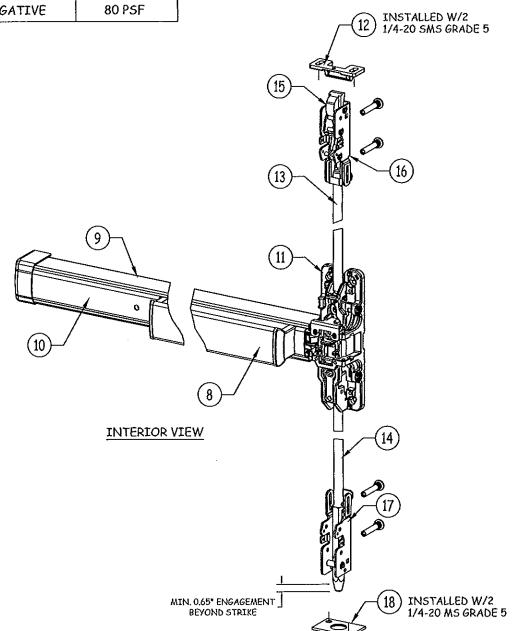


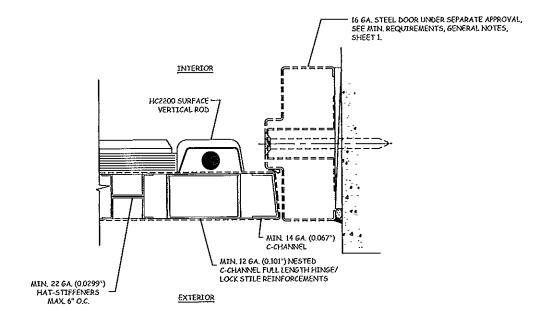




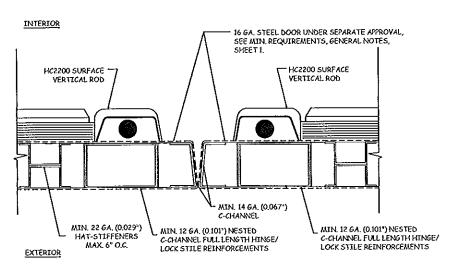
MAX. DESIGN PRESSURE (SINGLE OR DOUBLE DOORS)

POSITIVE 80 PSF
NEGATIVE 80 PSF











PRODUCT RESERVED
as complying with the Plavida
Building Code
Acceptance No/3-07/8-03
Expiration Date 09/30/10

PEODUCT REVISED to Security Butter Butter Bottles Octe
Acceptance No. 2 -0.12.2
Expiration Data 9.72.114

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6161 EAST 75TH STREET
INDIANAPOLIS, IN 46250
PH: (317) 806-3288
FX: (317) 806-3337

W/ HCK822 REMOVABLE MULL
HC2200 SURFACE VERTICAL ROD (SVR
PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

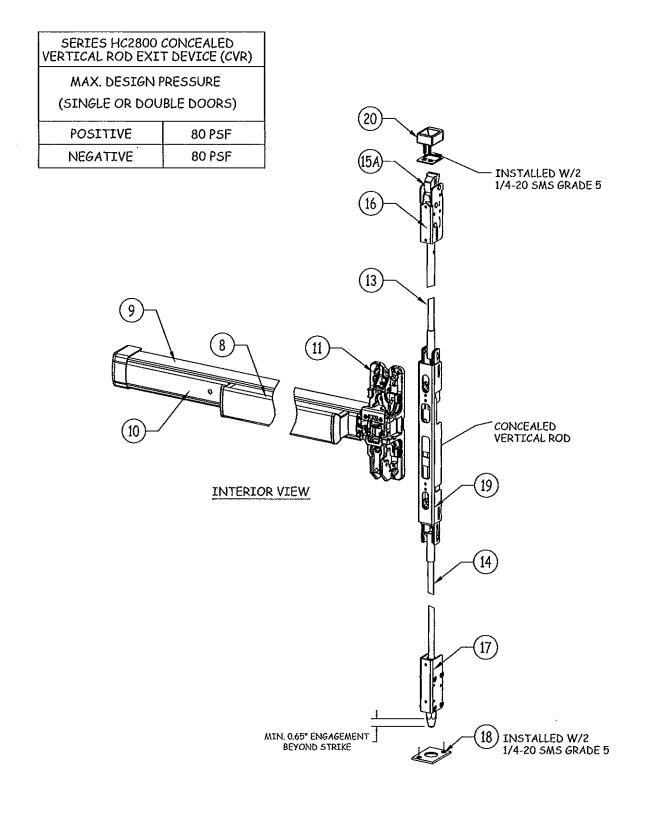
Security Solutions

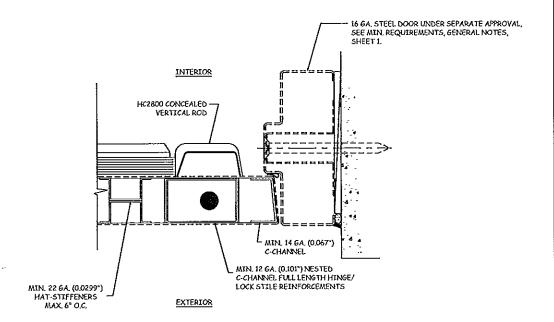
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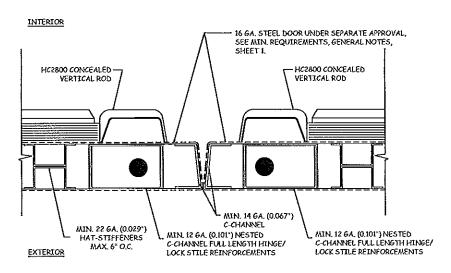
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E HORIZONTAL SECTION HC2800 CVR SINGLE DOOR APPLICATION







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STANLEY

Security Solutions

6161 EAST 75TH STREET INDIANAPOLIS, IN 46250

PH: (317) 806-3288 FX: (317) 806-3337

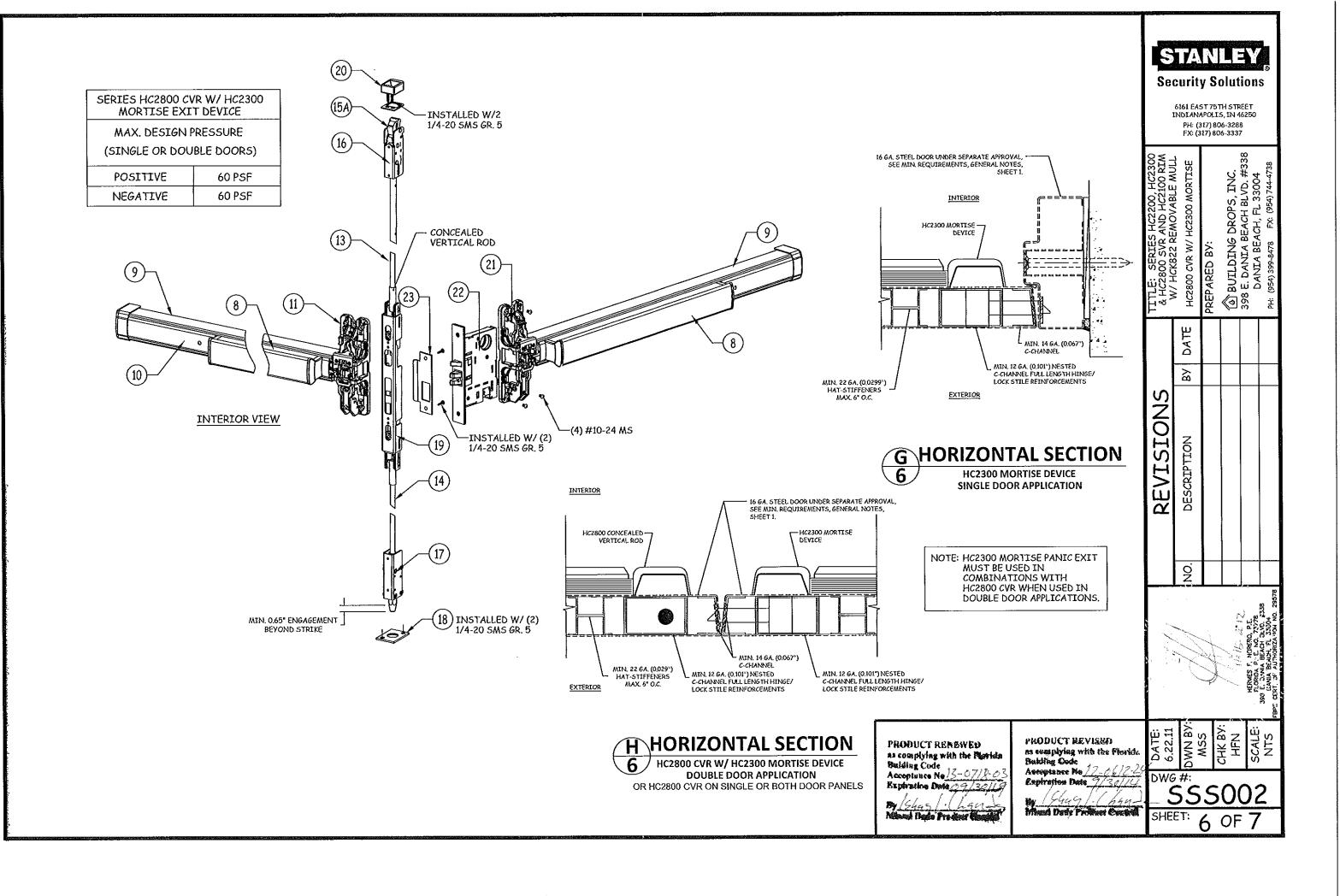
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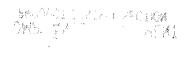
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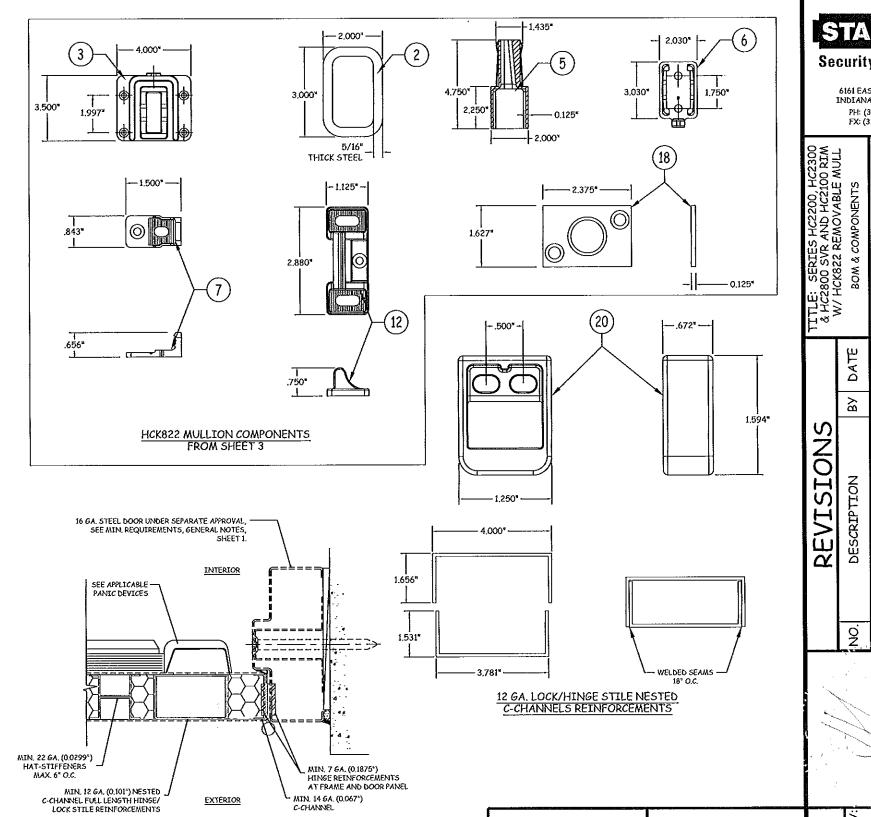
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tem No.	QTY.	Description	Part No.	Series
1	1	3/4 THROW DEADLOCKING LATCHBOLT		HC2100
	1	HC822 STEEL MULLIONS (ASTM-A500 STEEL		HC2100
2		GRADE B OR HIGHER STRENGTH MATERIAL)		
		W/(4) 1/4-20 SS FLAT HEAD SCREWS		
	1	HCK822 MULLION CAP W/(1) 1/4-20 SET		HC2100
3		SCREW & (4) 1/4-20 GR. 5 MACHINE		
		SCREWS	:	
4		HCKR822 MULLION ALTERNATE CAP W(4)		HC2100
		1/4-20 GR. 5 MACHINE SCREWS		HC2100
5	2	MULLION FITTING ADAPTER TOP/BOTTOM		HC2100
	1	MULLION STILL BASE W/(2) 3/8 X 2 1/4"		HC822
6		HILTI KWIK BOLT 3 EXPANSION ANCHORS		
U		W/1 5/8" EMB. INTO CONCRETE & (1) 1/4-		
		20 SET SCREW		
7	1	INTERLOCKING ANGLE W/(1) 1/4-20 & (1)	S216	HC2100
		#10-24 MACHINE SCREWS S216		
8	1	TOUCHBAR ASSEMBLY	i.	HC2100, HC2200
	1			HC2300, HC2800
9		DEVICE CHANNEL		HC2100, HC2200
· ·	1			HC2300, HC2800
10		HINGE FILLER		HC2100, HC2200
		A DETAIL OF STATE OF		HC2300, HC2800
11	1	ACTIVE CASE W/(4) #10-24 MACHINE		HC2100, HC2200
		SCREWS		HC2300, HC2800
12	1	STRIKE W/(2) 1/4-20 & (1) 10-24 MACHINE	\$300	HC2100, HC2200
13	1	SCREW TOP TOD		HC2200, HC2800
14	1	BOTTOM ROD		HC2200, HC2800
T.A.	<u>.</u>	DEADLOCKING LATCHBOLT W(2) 1/4-20		1102200,110200
15	1	MACHINE SCREWS & SEX BOLTS		HC2200
	1	DEADLOCKING LATCHBOLT W(2) 10-24		
15A		MACHINE SCREWS		
16	1	TOP LATCH ASSEMBLY		HC2800
17	1	BOTTOM BOLT ASSEMBLY		HC2200, HC280
	1	BOTTOM STRIKE W/(2) 3/8 X 2 1/4" STUD		HC2200, HC2800
18		ANCHORS	S460	
19	1	CENTER CHASSIS		HC2800
20	1	TOP STRIKE W(2) #10-24 MACHINE SCREWS	S519	HC2800
	1	MORTISE ACTIVE CASE W(4) #10-24, (2) 1/4-		
21		20 GR. 5 MACHINE SCREWS		HC2300
		(SINGLE DOOR ONLY)		
22	1	MORTISE CASE		HC2300
		STRIKE - MORTISE CURVED LIP W/ (2) 1/4-20	1	
23	1	SMS GR. 5		HC2300





HORIZONTAL SECTION TYPICAL HINGE STYLE CONSTRUCTION

PRODUCT REASIVED PRODUCT REVISED as complying with the Parties Building Code
Acceptance No. 18-07/8-03
Expansion Date 55/50, 2017 es everything with the Florida. Building Code Asseptance No /

Espiration Date 56830, 20

Marel Date Protect Control

STANLEY

Security Solutions

6161 EAST 75TH STREET INDIANAPOLIS, IN 46250

PH: (317) 806-3288 FX: (317) 806-3337

DATE

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DESCRIPTION

VISION

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© BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD. #338 DANIA BEACH, FL 33004 PH: (954) 399-8478 FX: (954) 744-4738

DWG#:

SHEET: